



FGDC U.S. Road Specification Working Group Update

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What and Why

- Detailing an explicit, comprehensive, and consistent definition of the features and attributes needed to model US Road Data
- The specification will...
 - foster data integration by making road information easier to share
 - Facilitate resource sharing by promoting the data centric development of related technologies

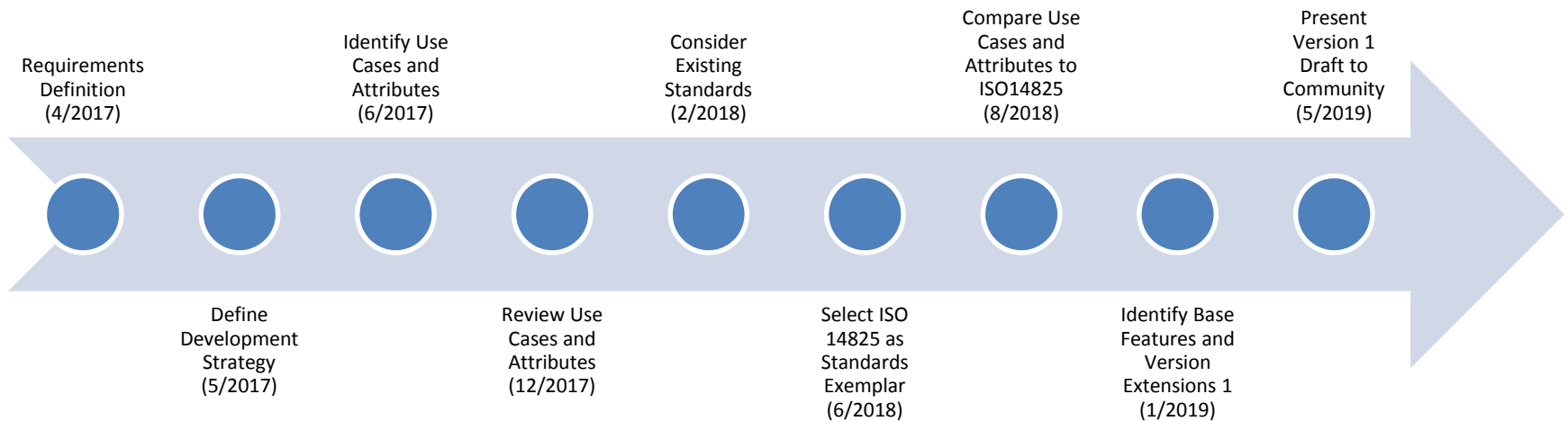


Development Strategy

- Market Driven Standards Development
- Diverse membership from all levels of government and industry
- **Consideration of** available resources
- Simplicity / Easy Adoption
- **Accommodation of** Multiple Missions
- Vendor and application independent



USRS Progression

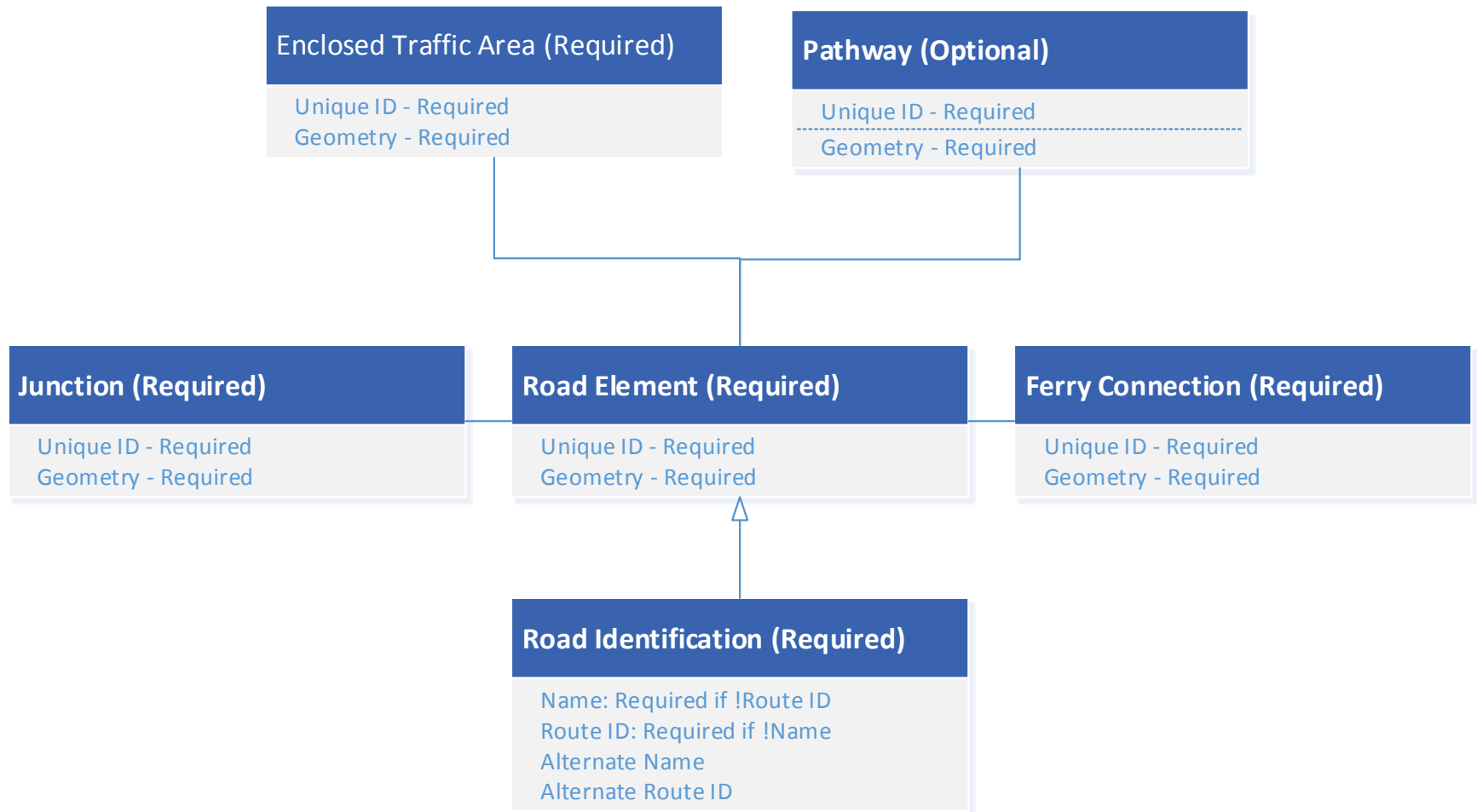


Object Oriented Development

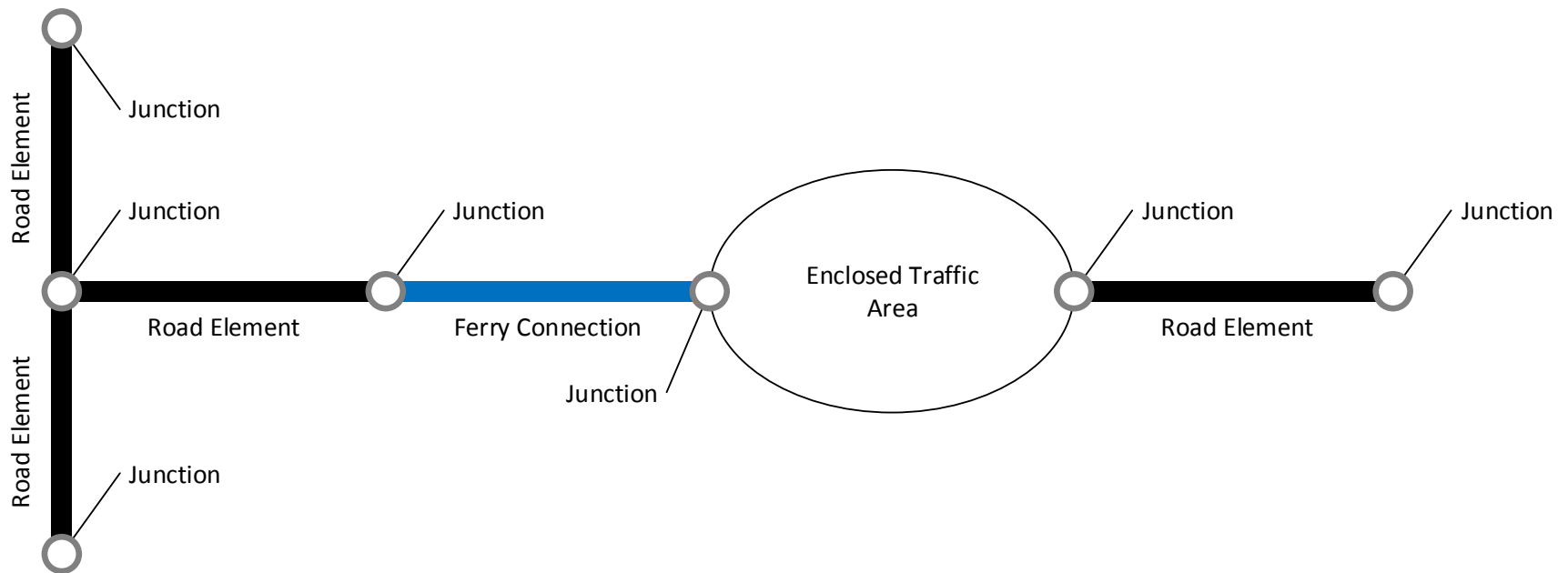
- The base specification includes only essential features and attributes
 - Base features must be used by entire community
 - Base attributes must be used in the same way
- Features and attributes not in the base will be included as extensions to the base



Required Features and Attributes



Example Features



Extensions Under Consideration

- Functional Road Class
 - USDOT, USGS, and Census use different functional classification systems
 - Model 3 Classifications Systems?
 - Can a “unified” road classification system be reached
- Address Ranges
- Display Classes
 - Enable Scale Dependent Rendering For Web Mapping
- Feature Level Metadata
 - Authority / Source, Vintage, Accuracy / Resolution



How to Participate

- Membership open to public and private road data providers and consumers
- USRS WG Web Site
 - <https://communities.geoplatform.gov/ngda-transportation/u-s-road-specification/>



Questions?



Thank You!

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